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An Inaugural Difertation

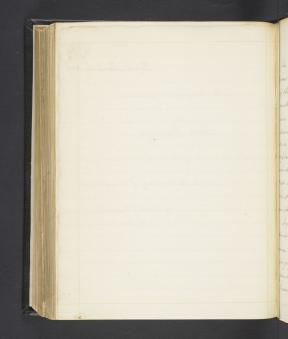
OIL

Acute Hepatitis

In the Deque of Doctor of Medicine

In the University of Tennsylvania

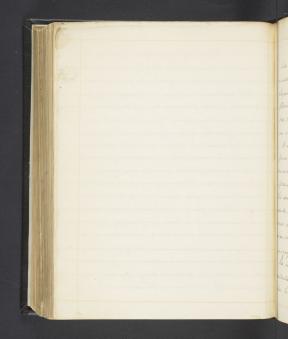
By Sames Staylenter of New Lurry.



Cepatitis or billantation of the Lines.

This disease belongs to the close themakes and yours Conjectime of 24 years. This genue consists of that numerous collection of private in formation maderness, which from the lance of occidence have been distinguished by anotonical terms desired from the vagan affected with the lack term erro added as a suffice, as gastists, exhibits, collabilities, presented as a suffice, as gastists, exhibits, presented from revue which is a samification from on and signification which is a samification from on and signification that the deich and simple maning of on, but action in the fullest ungency, without or impelieurs a chieft in the fullest ungency, without or impelieurs a chieft

Inflammation of the liver has generally been divided into a certe, and chemic, dependant on its mere rapid and violent or more touly and obscure progress. This division is important in a practical front of view, the tentrent bring specifically different in the two forms of the disease.



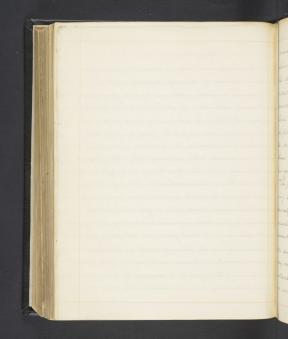
Lite other internal organs the liver is table to accept a active inflammation. The numbranes and power-chyponataus thuckers are both hable to accept in flammation, but when the membranes are affected the typoptoms are much more violent than a minflammation of the parenty me alone.

It was the opinion of in bullen that the acush form of this disease is always located in the extend membrane of the lives; and that the themic flexis is an inflammation of the pasenchymna. This does not appear to be enset in every case, for auch depatries may commerce in the membranes and experted to the pasenchymatous theorems and experted to the pasenchymatous therefore in the property of the disease unity are sted in limite. The inflammation is temperating the reflect of the lives are sted in the self-live inflammation is temperating the reflect of the lives.



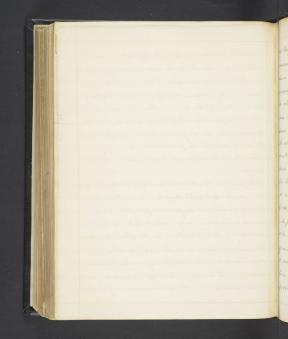
Symptoms.

In common with other inflammations, it is gen nally preceded by thirting, wincing a cold Hage of senous congestion, attended by paleness of counknance, Shrinking of external parts, small and frequent pulse. The subsequent reaction will be in proportion, generally, to the intensity of the cold Hage, but sometimes the symptoms appear to be in an inverse patio, especially when there is great thivering - the cold stage being only apparently severe. There is increased heat, a white day and furred tongue; the bowels are constipated for the most part, the wacuations little linged with bile, the the thin day, the thirst greats and sometimes great initability of the Homach exists; we have also pain, someth and lension in the region of the liver, pain about the region of the shoulder of the right tide, extending under the clavicle. The pain is



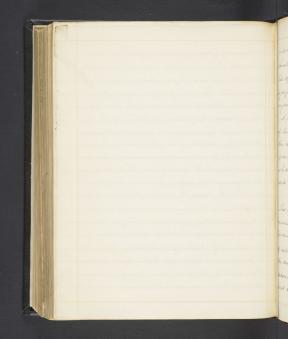
Sometime situated in the left by production and thousander; when this is the case we may present the left lobe of the war, is affected. Sometime occasionally occurs, but it is not a morphory concountant of the disease. When that part of the lives is inflamme which his in contact with the shapping on, the cough and pain on justication to many misters the practitioner, and renotes the many misters the practitioner, and renotes them looked to confound it with disease of the

"The pain in the thouleter, and difficulty of bying on the left side," tays to behiven, "are bykernely fallacious diagnostic typnations; inalamuch as, in some very violent hepsitic inflamomations, there is no frain in the theoliter, and
the saliest posture is on the bash, as was also
my view case, when suffering under a server
attack! It however these typonphome, conjoine
we with others, are the most cutain signs, and



as they pay generally attent hapatitis, I have surected them among the marks of this distance and am inclined to give them a more prominent place than De Solowom would preon to allow than the membranes of the liver atome are affected, the yellow puffers on the liver atome and eyes it by no means a constant attendant. It should be the first one maken of the billiary organ does not exist. Indeed it cannot be expected that the function of the billiary organ does not exist. Indeed it cannot be expected that the function of the liver will be meanly to much distributed, as when the passon chyonatous thruchuse is affected.

As physiologists to far as I have, has yet been able to account taking aboutly for the pain to generally fell at the eight thouselder. To have that it seizes from a connexion of the newes of the liver with the affected part, is very unsatisfactory; for many parts are much more



intimately connected with this ugan than the shoulder, and yet which no painful sympathy this symptom is not presultan to hipatilis, it being sympathetic of other officients of the biliary organ, as exclutibles or joundies.

of presty constant symptom of inflamation of the live is a heat or realiting in papers the union. This is occasioned most probably from the passage of tile along the methers, which from its occid qualities, initales its ablicate timing membrane.

Diagnosis -

This disease is liable to be confounded with fence monia, gashitis, extendes and colic.

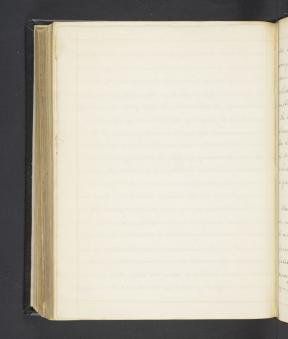
quadral inspiration will not augment the pair of depatic as it does of pulmonic inflamations. The cough in depatitis does not appear till the second on third day - in purumenia it is st bast coveral with the pair. In this manner, and



by the increase of pain on prefours, under the mass gin of the floating sits, we are enabled to distin quish acute hepatitis from preumonia. The diagnosis between this disease and spasms of the gall ducts, from impacked calculi, may be ascentained by the absence of febrile excitement in the latter affection, especially at the beginning; but sparm will often oceasion inflammation - in this case the diagnosis will not be important, as the treatment must be the same as in original hepatilis. This distase may be disand which renders gashilis so distressing a complaint. When that part of the liver is enflormed is inflamed, we have considerable gastice un-



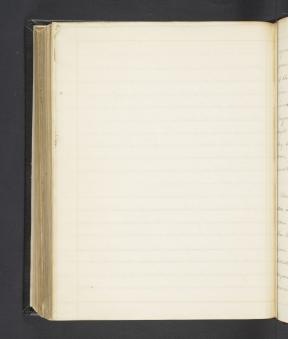
lom when taken alone, follocious. The symptoms or typhoid type, which is observable in inflam mation of the Homack. The state of the bowels will enable us to judge of the presence of hepatitis; for in almost all inflammatory states of the liver, the intestines are inactive, and the stools show a deficiency of bile, particularly when the parenchymatores structure is affected. The appear ance of the faces and wine indicate a greater decangement of the biliary secretion, than in inflammation of any contiguous organ. The laberitions deposit is very conspicuous in the wine, and although this is common to many internal inflammations, is particularly to in hepatitis. The mind in inflammation of the liver is more affected than in any other inflammation, excepting that of the brain. To understans



this we must refer to the intimate sympathing ensiting between the brain our liver, and to the
durangement or suspension of the titicany secretion,
which, according to behaven, weaks a peculiar
influence on the mental functions.
The blood in this disease, when first season, is
observed to be of a stull on muddy given him.
This has been accounted for from the minimum
of the yellow ble with the purple convers blood
which study in this chemical union, forming

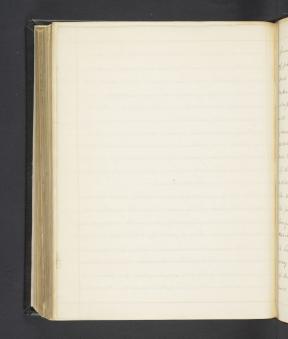
Trognosis. -

Man taken early this disease, if perfectly theat it is the if left to sun on for sometime or depletion to not premptly and freely present to, it either process fatal or goes on to population and all its consequences. I gradual abolement of the felicite symptems, disease of pain and linein, in the



region of the tion, misture in the thin, and general improvement of the templesion, where if the special action, where if the special action is the special action of the program of the side and full frequent and control putter, interes pain in the right inprohending major, great thirt, a hot that they then and costioned give, great thirt, a hot fay them and costioned y terminating in supposent, the disease generally terminating in suppression, especially when ingue are present.

When the hymphome are most sever and the distave is confined to the membranes, the suration is often that, and frequently terminates in swatching then this happens there is generally a critical discharge from the mose, hammodondal reflect the. Men the disease is of a left violent character and the paren dryma stone affected, population is a common termination. When this supervises we the accede



of pain, rigors, hectic, flushes, night sweats, and a variety symptoms, especially a very dys enteric or inequale state of the bowels. If the al cels point lowards to the displuagen, there will be an aggravation of the cough and dif and the abscept may discharge itself externally. the contents being passed by stool. becasionally lungs - the bushing of an abserts into the carity of the thorax is not necessarily fatal. way through the hepatic duct . Inflammation of the liver may also terminate in schinus, and in gan grene as affected by some writers.



Next to pointing educately, additions between the about and the comity intertions, it the most favourable direction for its totale.

blumic Repatitis is a common turnination of its auca an backly teached acute in fam mation of the lives, constituting what has been collect a put-acute form of the disease.

To induce acute hepaletis, it is necessary that the live at the lime of the attack, according to 20. Good thoused be at least in a moderate state of health, and hence, says he, "the scale variety is found more friguently in lamperate than hot elimates, and in the latter among new corners, than among those that have been long habituated to the climate, and where

tives have been weathered and relayed by the great or heat of the run".

Many of the predisposing and specifing cruss of securificant of the liver, see the same as those which



ably owing to the predisposition existing in the will produce in one person, a calante, in another will remain entirely exempt from disease, his with necess the martin effects of the exposure. But there are some causes which are more peecelively connected with repatie, then other inflam The male sey, especially those who are of & choleric or initable dispositions. The influence which the passions have over the functions of the liver, was



well thank to the ancients, for me fine mention and of purchase being count by a fit of anger, and every elaptical students is equalistic with the termination percent of themes. That montest anxiety affects the expected system, and separately discounts the billiary regard, has not secaped the most headless observed and is plainly altered to by posts as mall as physiciand. This affects they had statement another creationalize period of the time graphty which wish between the mental and higher principles which wishes themen the mental

The existing cause may be discided into explanmatines internal. That has been he down as an existing cause of hipability, this may sometimes be the case - but for the most part it ourse it immore all violence to the application of cold. He may existly imagine how this takes place. It dight sangaof temperature, by sugmenting stone the material Mandand, the cutamous and biliary secretions,



addition the appear by which there receivers are consider on, and rendered them more easily struck topics, in the application of each ; the consequence of which is, a temperary obstruction to the free transmission of blood from the postal to the general circulation. The frequent application of which is the paramount tours of temperation inflammation aspecially of hot almater."

In injurgitating of inchicating leavers, and particularly of assent spirits, has been trusted formest among the internal exciting cause of departic inflormation. But his this country chemic surrounds, especially of function, are more fuguently the consequences, than scale hipstitic. The faction application of cold on week, when the body is tractic or over falguers, by window to necess, with he former fuguently to tweeth south to former fuguently to tweeth south to former fuguently to tweeth south the former former to great the court, this threat may be produced by whend injuries



Diffection . -

inflammation. The Homash and proposers due often lake place, that tubucles and resicular cycls in its substance. It other times there will be no appearamees of pew until the lines is prefeted upon when it will be powed out, if a out has been pearance of this organ, after death from repalic

to Baillie Munder the while or yether two cles the most frequently found in middle or advanted age, no expecially in men advised to the or after me of arterit special formation we of arterit specific procedures are straightful.

Treatment -

The peculianity of the Euculation in the departic tystem cause the inflammating and other deserves, to aframe a character inflammation to dearment in the deciding of the is dithen inflament in the deciding the inflament or very much imported or very much imported or very much finish reaction when the function is actioned, the fluid secretic is, at first, far from healthy. The indications, therefore to "fulfilled, are. This to preduce gave live orthing, and second, to setting the healthy function of where.

be first indication is best furfilled by expired tensection. Thirty or furly owners may small the be latter with advantage, and repeated if the



desired effect be not produced; without any regard to the apparent debility thereby produced. for until the inflammatory tymptoms be substeened, and the function of the liver destored, there is or future duffering. He have here a care of demost prompt and decided meadured; and of are next to be resorted to, and will be found very useful. bufer are prefered by Johnson as we

by some of the continental writers it is trive that the application of twenty around the arms had been productive of more good effects, than when

cuitical, and by applying leceles we create an artificial hemourhoidal discharge from the verge parts and the portal circulation may account for the benefit derived from this remedy. Some practitioners prefer the use of topical de piction to the exclusion of general bloodletting, alely from the affected part. In some cases this plan may succeed, whereaily when repatites suc ends a protracted intermittent or remittent fever, and is unattended by quat pain or prieria - but thirst great - copious bleeding from the arm is



ical depiletion, we must next resort to purgatives. Of the kind of purgatives to be prescribed there has been some difference of opinion. Soline cathactics have very little effect upon the exceeding duels of the liver; they act chiefly on the glands of the mee cour membrane of the bowels, and by this means reduce the circulation and subdue inflamma ascertained as that they increase the flow of diminished when they produce a full cathaisis. to exacute the bowels of feculent matter, us

reys

of sond salls - Sulph. Magnesia - 3/2 baptia Suna - 3/2 Signation 3/2. Squa Perren. Up

This should be expected though, with tentarines the timeny and situate of Potash in the intervals, until easewhere setting be considerably where them this is efficient a blister may be applied one. The right hypocherodulum.

When the inflammation is advised to a certain level, we must indicavour to sellow the function of dillow, scentime to its hostily state. This will be best effected by small does of talomet and animomy as special works, with schooling solve on problems of the state the self-color to the color to the state the self-color to the self-color solve to proportions of the produce one on the topicous everyteens drily opium, when the bounds are in a state of manner to initiality, may be need with advantage.



In mecury in many induces, much be excised to the extent of preducing solication. This is figure lines easy difficulty in that case mecurial continent may be used in addition to the extended of the by investigation of the form of blue pitte or calance, by the menth. Muster the macruial plane which has smallime the centing the country plane without producing plystem the patient will be found to improve by the degrees. The security and leading the large stiminishing is the pulse becoming men matural and the thin was hot and day girls ing to a pleasant morieties.

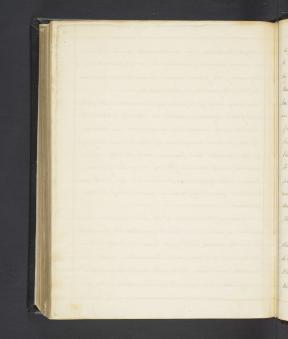
Diaphoreties with very property form a part of the eventive plan. May may be combined most actually with mecanists. I combined the human of the human so opium, is a very respect formula. He then fitt all upon the liver, specacuan determine to the purface and opium.



allays initation. The antimonial preparations, we very generally resolved to, as diaphocalies. They may be given alone or united with silve Sulph Magnesia a betomed to.

In very ear of hipater information the artiphilogistic regimen must be streetly astronomy, padientally when the symptomes are strone. If the patient complain of third and dryngst of the mouth for face as cold district acidulative with form juice may be given him. The apartment should be well sentialized - prestignificating quat which the patient.

When inflammation of the liver has been permitted to seen on without an alternate to accept it on the means employed have not persecuted in persecuting a favoreable deminister, and suppuration has leden place; the depliking and antiphilogistic plan misst be laid aside, for a



in such cases. Even wine or porter may be found useful. be all cases of suppuration in

He must endeavour to selemine the discharge from the above to the surface, by pourlices applies as now ever the part as profible. When the termine points reteinably and fleeteation are be perceived, it will be proper to



open it at the most dependent part. The abdonen should then be compressed with a bandage, and the suc covered with simple desployed to If the extremal worance should be disposed to close before the dealing of the interval parts, a tent of soft lind, dispose in some disposion ointment, may be invested into the spening.

The British pregum, even when above prove them, and as openings in the live, frequently open them, and as openings in these above fees here more to-pley from any others, they are thus enabled to preserve the lives of their patients, who would otherwise hink moder the disease.

After the above to have discharged its contents, the brovets must be kept grilly open. It the function of the live is much decanged, necessis in alterative doses, with the nitro-murialic acid both will be highly unful. The bath is prepared by adding four owner of nitrie acid



and the same quartely of murialic, to eight ounew of water. We worse and a half of this solection to a gatton of warm water, will be a bath of measure strength.

Hannels sung out of hot batter in het sinegar and water, and confine "attornen by a calice or muslin swalle, will be found pung a queable to him in such cases.

I blister out hypochondical region of the right side, or what has been recommended in perference the tartar emetic plaster is to be used.

spiales will also be necessary to allay initation and procure sleep at night.